

DEC 12 2007

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Date: 12 December 2007

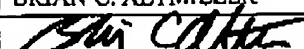
Pages: 25

To: Examiner William F. Kraig
GAU 2815

From: Brian C. Altmiller

Fax No.: 571-273-8300

| | |
|--|----------------------------|
| Applicant: AOKI | Atty. Dkt.: 01-562-RCE |
| Serial No.: 10/790,211 | Art Unit: 2815 |
| Filed: March 2, 2004 | Examiner: William F. KRAIG |
| Title: SEMICONDUCTOR DEVICE HAVING TRENCH GATE STRUCTURE AND METHOD FOR MANUFACTURING THE SAME | Confirmation No.: 1016 |
| <ul style="list-style-type: none"> • Transmittal Form (1 page) • Fee Transmittal Form (1 page) • Amendment (22 pages) | |

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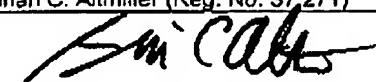
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Based on PTO/SB/21

| | | |
|--|------------------------|------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/790,211 |
| | Filing Date | March 2, 2004 |
| | First Named Inventor | AOKI |
| | Group Art Unit | 2815 |
| | Examiner Name | William F. KRAIG |
| | Attorney Docket Number | 01-562-RCE |

| ENCLOSURES (check all that apply) | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | Brian C. Altmiller (Reg. No. 37,271) Posz Law Group, PLC |
| Signature |  |
| Date | 12 December 2007 |

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| Type or printed name | Brian C. Altmiller (Reg. No. 37,271) | |
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PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|--|--|--|
| Effective on 12/8/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4518). FEE TRANSMITTAL For FY 2005 | | Complete if Known Application Number 10/790,211 Filing Date March 2, 2004 First Named Inventor AOKI Examiner Name William F. KRAIG Art Unit 2815 Attorney Docket No. 01-562-RCE | |
| <input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 400 | | | |

METHOD OF PAYMENT (check all that apply)

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 310 | 155 | 510 | 255 | 210 | 105 | |
| Design | 210 | 105 | 100 | 50 | 130 | 65 | |
| Plant | 210 | 105 | 310 | 155 | 160 | 80 | |
| Reissue | 310 | 155 | 510 | 255 | 620 | 310 | |
| Provisional | 210 | 105 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Small Entity Fee (\$) | Fee (\$) |
|---|-----------------------|----------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent | 50 | 25 |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 210 | 105 |
| Multiple dependent claims | 370 | 185 |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|--|----------------|----------|---------------|---------------------------|----------|---------------|
| 33 | - 20 or HP = 8 | x \$ 50 | = \$ 400 | | | |
| HP = highest number of total claims paid for, if greater than 20 | | | | | | |
| | | | | | | |

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---|---------------|----------|---------------|
| 4 | - 3 or HP = 0 | x \$ 0 | = \$ 0 |
| HP = highest number of independent claims paid for, if greater than 3 | | | |

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$ _____ (\$ for small entity)
 for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41 (a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|--|----------|---------------|
| - 100 = _____ | / 50 = _____ | (round up to a whole number) x _____ | = \$ 0 | |

4. OTHER FEE(S)

| | | |
|----------------------------|--------------------------------------|----------|
| Non-English Specification, | \$130 fee (no small entity discount) | |
| Other: | | \$ _____ |

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| | | | |
|-------------------|---|---|--------------------------|
| Signature |  | Registration No. (Attorney/Agent) 37,271 | Telephone (703) 707-9110 |
| Name (Print/Type) | BRIAN C. ALTMILLER | Date | 12 December 2007 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Applicant: AOKI | Atty. Dkt.: 01-562-RCE |
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| Type or printed name | BRIAN C. ALTMILLER | | |
| Signature |  | Date | 12 December 2007 |

AMENDMENT UNDER 37 CFR 1.116

Sir:

In response to the Office Action mailed 12 September 2007, the period for response to which extends through 12 December 2007, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 1 of this paper.

Remarks begin on page 12 of this paper.